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 <400> 1111
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 <400> 1146
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<210> 1147
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 dye
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 <400> 1184
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<210> 1201
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 <220>
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 <222> (4)..(4)
 <223> The residue at this position is linked to a spacer bearing a Cy3
 dye
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<210> 1731
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 <223> Synthetic
 <400> 1734
 caacgcttcc tccguuuu 18
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 <223> Synthetic
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 <221> misc_feature
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 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
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 <210> 1736
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 <212> DNA
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<220>
 <221> misc_feature
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 <220>
 <221> modified_base
 <222> (31)..(31)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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 <210> 1737
 <211> 31
 <212> DNA
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 <220>
 <221> modified_base
 <222> (31)..(31)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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 <210> 1738
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 <222> (23)..(23)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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 <210> 1739
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 <212> DNA
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 <400> 1739
 gaagatgttt cagttctgtg gc 22
 <210> 1740
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 <212> DNA
 <213> Artificial Sequence
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 <223> Synthetic
 <400> 1740
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 <210> 1741
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 <212> DNA
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<210> 1742
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 <222> (27)..(27)
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 <220>
 <221> modified_base
 <222> (28)..(28)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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 <210> 1743
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 <223> Synthetic
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 <221> modified_base
 <222> (22)..(22)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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<210> 1744
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 <223> Synthetic
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 <210> 1745
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 <222> (27)..(27)
 <223> The residue at this position is attached to a C18 linker.
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 <221> modified_base
 <222> (28)..(28)
 <223> The modified nucleotide at this position is dideoxy cytosine.
 <400> 1745
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 <210> 1746
 <211> 24
 <212> DNA
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 <223> Synthetic

<220>
 <221> modified_base
 <222> (24)..(24)
 <223> The modified nucleotide at this position is dideoxy cytosine.
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 <211> 36
 <212> DNA
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 <223> Synthetic
 <400> 1747
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 <223> The residue at this position is linked to a spacer bearing a Cy3 dye
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 caacgcttcc tccg 14

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 <223> Synthetic
 <400> 2186
 gctactgaga tgaaggagac gtgactgta 29
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 <400> 2188
 ccgaggaagc ggttgcgtac gactggtaa 30

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 attctctcag ac 12
 <210> 2194
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 <223> The residue at this position is linked to a Dabcyl quencher.
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 <211> 14
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 <222> (3)..(3)
 <223> The residue at this position is linked to a Z21 quenching group.

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 <210> 2197
 <211> 13
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 <210> 2198
 <211> 13
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 <223> The residue at this position is linked to a Z28 quenching group.
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 <210> 2199
 <211> 12
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 cttctctcag ac 12
 <210> 2200
 <211> 28
 <212> DNA
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 <400> 2200
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 cagtctgaga tgaatgagac gagagagt 28

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	ccaggaagca agtggtgcgc ctcguuu	27
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 gtggcgatc cttcttgggc atgtaa 26

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 <223> The modified nucleotide at this position is a dideoxy cytosine.
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 <210> 2217
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic
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 <221> modified_base
 <222> (23)..(23)
 <223> The modified nucleotide at this position is biotinylated deoxyadenosine
 <400> 2217
 aaaagatacg ccacagaaca cgatt 25

<210> 2218
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 <400> 2218
 tggcgtatct taattccatt caaaat 26
 <210> 2219
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 tgggagtttg ggattcttgt aattaa 26
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 <223> The modified nucleotide at this position is biotinylated deoxythymidine
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<210> 2221
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 tggcgtatct aattattaat tccattc 27
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 atcctggtga gtttgggatt cttga 25
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 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine
 <400> 2223
 aaaagatagc ccacagctc 19

<210> 2224
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 <210> 2225
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 <223> The modified nucleotide at this position is biotinylated deoxythymidine
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<210> 2227
 <211> 22
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 <400> 2227
 gtggcgatc cttcttgggc at 22
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 <223> Synthetic
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 gaagatgttt cagttctgtg gc 22
 <210> 2229
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 <223> The modified nucleotide at this position is biotinylated deoxythy
 midine
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 ggggtgttgaa ggtctcaaac atgaa 25
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 aaaagatacg ccacagctc 19

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 dye
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